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26. (New) The biosensor of claim 24 wherein the substrate is selected from the group consisting of:

glass, ceramic, silicon, nylon and propylene.

27. (New) The biosensor of claim 24 wherein the resonator is selected from the group consisting of:

a radio frequency passive component, an inductor, a discrete resonator and a distributed resonator.

28. (New) The biosensor of claim 24 wherein the resonator comprises a combination of an inductor and a capacitor.

29. (New) The biosensor of claim 24 wherein the biomolecule is selected from the group consisting of:

a polynucleotide, a DNA molecule, a DNA strand, an RNA molecule, an RNA strand, a nucleic acid, a tumor cell, a protein, an antibody, an anti-antibody and an oligonucleotide.

30. (New) The biosensor of claim 24 wherein the biodetection site includes a holding substance.

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31. (New) The biosensor of claim 30 wherein the holding substance is selected from the group consisting of:

a polymer, polyacrylamide, a biogel, polyethylene oxide and polyvinyl alcohol.

32. (New) The biosensor of claim 24 wherein at least one biochemical probe is present at the biodetection site.

33. (New) The biosensor of claim 24 wherein the magnetic property corresponds to a value, the value indicating a quantity of biomolecules at the biodetection site.

34. (New) The biosensor of claim 33 further comprising:
at least one quantitator in communication with the biodetection site,
wherein the quantitator determines the value.

35. (New) The biosensor of claim 24 wherein the resonator has a spiral geometry.

36. (New) The biosensor of claim 24 further comprising:
a reader in communication with the biodetection site, wherein the reader analyses data generated by the resonator.

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37. (New) A kit for assaying target biomolecules, comprising:
a sample plate including a plurality of biodetection sites, wherein each biodetection site comprises a resonator to allow measurement of at least one resonance property of the target biomolecules at the biodetection sites; and
a holding gel to be applied to at least one of the biodetection sites.
38. (New) The kit of claim 37 further comprising:
a solution of at least one biochemical probe to be applied to at least one of the biodetection sites.
39. (New) The kit of claim 37 further comprising:
a solution of at least one magnetic tag attachable to the target biomolecules.

— REMARKS —

Claims 17 and 20 are rejected under 35 USC 112, second paragraph as being "indefinite". These claims have been cancelled.

Furthermore, Applicants respectfully traverse the rejection. New claims 24-39 incorporate language suggested by the Examiner. Applicants respectfully thank Examiner, submit that the new claims are in a condition for allowance and request that this rejection be withdrawn.